

ABSTRACT

An improved passenger protection is achieved by refining the criterion for triggering the restraining unit provided for impact situations. A system and a method for generating a triggering signal for the restraining unit in a vehicle are provided for this purpose, the restraining unit being provided for the event of a collision of the vehicle - head-on collision, side impact. The system includes a unit for detecting an impact, which, in the event of an impact, generates a request signal for the restraining unit corresponding to the type of impact, and a unit for detecting a rotational motion of the vehicle about at least one vehicle axis - longitudinal axis (x) and/or transverse axis (y) - which generate a corresponding status signal. A circuit is provided for generating a triggering signal, the circuit combining the request signal and the status signal so that the information about the possible occurrence or the existence of a rotational motion is taken into account in the decision about triggering the restraining means.